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Patent and Trademark Office:  
U.S. DEPARTMENT OF COMMERCE

0010/PTO  
Rev. 6/95

U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket  
Number

12264/018

First Named  
Inventor

Dongmao Zhang, et al.

## DECLARATION

Declaration  
Submitted  
With Initial Filing

OR  Declaration  
Submitted after  
Initial Filing

### COMPLETE IF KNOWN

Application  
Number

Filing Date

Group Art Unit

Examiner Name

As below named Inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PROCESS AND APPARATUS FOR SEGREGATION AND TESTING BY SPECTRAL ANALYSIS OF SOLID DEPOSITS DERIVED FROM LIQUID MIXTURES

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY)  as United States Application Number or PCT International Application Number

and was amended on (MM/DD/YYYY)  (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56

I hereby claim foreign priority benefits under Title 35, United States Code § 19(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/D/YYYY)	Priority Not Claimed	Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority sheet attached hereto:

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority sheet attached hereto.
60/462,083	April 11, 2003	
60/462,472	April 11, 2003	
60/490,057	July 25, 2003	
60/551,311	March 8, 2004	
60/554,701	March 19, 2004	

## DECLARATION

Page 2

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT International application numbers are listed on a supplemental priority sheet attached hereto.

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Firm Name	Brinks Hofer Gilson & Lione		Payor Number (if applicable)	27879
	Name	Registration Number	Name	Registration Number
A. James Richardson	26,983			
Lawrence A. Steward	32,309			
David H. Badger	22,597			
Sanders N. Hillis	45,712			
Dewayne A. Hughes	46,783			

Additional attorney(s) and/or agent(s) named on a supplemental sheet attached hereto.

Please direct all correspondence to: Name A. James Richardson

Address BRINKS HOFER GILSON & LIONE

Address One Indiana Square, Suite 1600

City	Indianapolis	State	Indiana	ZIP	46204-2004
Country	U.S.A.	Telephone	317-636-0886	Fax	317-634-6701

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor



A petition has been filed for this unsigned inventor.

Given Name	Dongmao	Middle Initial		Family Name	ZHANG	Suffix	
Inventor's Signature					Date	4/7/09	
RESIDENCE: City	West Lafayette	State	IN	Country	US	Citizenship	P.R. China
POST OFFICE ADDRESS		2901 Manchester Street					
City	West Lafayette	State	IN	ZIP	47906	Country	US
					Applicant Authority		

Additional inventors are being named on supplemental sheet(s) attached hereto.

# DECLARATION

## ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor.

Given Name

Dor

Middle Initial

Family Name

BEN-AMOTZ

Suffix

Inventor's Signature

*Dor Ben Amotz*

Date

4-7-04

RESIDENCE: City

West Lafayette

State

IN

Country

US

Citizenship

US

POST OFFICE ADDRESS

3275 West 450 North

City

West Lafayette

State

IN

ZIP

47906

Country

US

Applicant Authority

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor.

Given Name

Yong

Middle Initial

Family Name

XIE

Suffix

Inventor's Signature

*Yong*

Date

04/07/04

RESIDENCE: City

West Lafayette

State

IN

ZIP

47906

Country

US

Citizenship

P.R. China

POST OFFICE ADDRESS

147 Arnold Drive, Apt. 13

City

West Lafayette

State

IN

ZIP

47906

Country

US

Applicant Authority

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor.

Given Name

Vincent

Middle Initial

J.

Family Name

DAVISON

Suffix

Inventor's Signature

*Vincent*

Date

RESIDENCE: City

West Lafayette

State

IN

ZIP

47906

Country

US

Citizenship

US

POST OFFICE ADDRESS

434 Littleton Street

City

West Lafayette

State

IN

ZIP

47906

Country

US

Applicant Authority

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor.

Given Name

Melissa

Middle Initial

Family Name

MROZEK

Suffix

Inventor's Signature

*Melissa*

Date

RESIDENCE: City

Lafayette

State

IN

ZIP

47909

Country

US

Citizenship

US

POST OFFICE ADDRESS

300-C Ravenwood Lane

City

Lafayette

State

IN

ZIP

47909

Country

US

Applicant Authority

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor.

Given Name

Corasi

Middle Initial

Family Name

ORTIZ

Suffix

Inventor's Signature

*Corasi*

Date

04/07/04

RESIDENCE: City

West Lafayette

State

IN

ZIP

47906

Country

US

Citizenship

US

POST OFFICE ADDRESS

3422 Cheswick Court, Apt. D4

City

West Lafayette

State

IN

ZIP

47906

Country

US

Applicant Authority

Additional inventors are being named on supplemental sheet(s) attached hereto.

# DECLARATION

## ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor.

Given Name

**Dor**

Middle Initial

Family Name

**BEN-AMOTZ**

Suffix

Inventor's Signature

Date

RESIDENCE: City

**West Lafayette**

State

IN

Country

US

Citizenship

US

POST OFFICE ADDRESS

**3275 West 450 North**

City

**West Lafayette**

State

IN

ZIP

47906

Country

US

Applicant Authority

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor.

Given Name

**Yong**

Middle Initial

Family Name

**XIE**

Suffix

Inventor's Signature

Date

RESIDENCE: City

**West Lafayette**

State

IN

Country

US

Citizenship

P.R. China

POST OFFICE ADDRESS

**147 Arnold Drive, Apt. 13**

City

**West Lafayette**

State

IN

ZIP

47906

Country

US

Applicant Authority

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor.

Given Name

**Vincent**

Middle Initial

J.

Family Name

**DAVISON**

Suffix

Inventor's Signature

*Vincent*

*J.*

*Davison*

Date

*4/7/04*

RESIDENCE: City

**West Lafayette**

State

IN

Country

US

Citizenship

US

POST OFFICE ADDRESS

**434 Littleton Street**

City

**West Lafayette**

State

IN

ZIP

47906

Country

US

Applicant Authority

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor.

Given Name

**Melissa**

Middle Initial

Family Name

**MROZEK**

Suffix

Inventor's Signature

Date

RESIDENCE: City

**Lafayette**

State

IN

Country

US

Citizenship

US

POST OFFICE ADDRESS

**300-C Ravenwood Lane**

City

**Lafayette**

State

IN

ZIP

47909

Country

US

Applicant Authority

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor.

Given Name

**Corasi**

Middle Initial

Family Name

**ORTIZ**

Suffix

Inventor's Signature

Date

RESIDENCE: City

**West Lafayette**

State

IN

Country

US

Citizenship

US

POST OFFICE ADDRESS

**3422 Cheswick Court, Apt. D4**

City

**West Lafayette**

State

IN

ZIP

47906

Country

US

Applicant Authority

Additional inventors are being named on supplemental sheet(s) attached hereto.

DECLARATION						ADDITIONAL INVENTOR(S) Supplemental Sheet			
Name of Additional Joint Inventor, if any:			<input type="checkbox"/> A petition has been filed for this unsigned inventor.						
Given Name	Dor		Middle Initial		Family Name	BEN-AMOTZ		Suffix	
Inventor's Signature							Date		
RESIDENCE: City	West Lafayette		State	IN	Country	US	Citizenship	US	
POST OFFICE ADDRESS		3275 West 450 North							
City	West Lafayette		State	IN	ZIP	47906	Country	US	Applicant Authority
Name of Additional Joint Inventor, if any:			<input type="checkbox"/> A petition has been filed for this unsigned inventor.						
Given Name	Yong		Middle Initial		Family Name	XIE		Suffix	
Inventor's Signature							Date		
RESIDENCE: City	West Lafayette		State	IN	Country	US	Citizenship	P.R. China	
POST OFFICE ADDRESS		147 Arnold Drive, Apt. 13							
City	West Lafayette		State	IN	ZIP	47906	Country	US	Applicant Authority
Name of Additional Joint Inventor, if any:			<input type="checkbox"/> A petition has been filed for this unsigned inventor.						
Given Name	Vincent		Middle Initial	J.	Family Name	DAVISSON		Suffix	
Inventor's Signature							Date		
RESIDENCE: City	West Lafayette		State	IN	Country	US	Citizenship	US	
POST OFFICE ADDRESS		434 Littleton Street							
City	West Lafayette		State	IN	ZIP	47906	Country	US	Applicant Authority
Name of Additional Joint Inventor, if any:			<input type="checkbox"/> A petition has been filed for this unsigned inventor.						
Given Name	Melissa		Middle Initial		Family Name	MROZEK		Suffix	
Inventor's Signature							Date	07 APR 2004	
RESIDENCE: City	South Plainfield		State	NJ	Country	US	Citizenship	US	
POST OFFICE ADDRESS		932 Klesam Court							
City	South Plainfield		State	NJ	ZIP	07080	Country	US	Applicant Authority
Name of Additional Joint Inventor, if any:			<input type="checkbox"/> A petition has been filed for this unsigned inventor.						
Given Name	Coral		Middle Initial		Family Name	ORTIZ		Suffix	
Inventor's Signature							Date		
RESIDENCE: City	West Lafayette		State	IN	Country	US	Citizenship	US	
POST OFFICE ADDRESS		3422 Cheeswick Court, Apt. D4							
City	West Lafayette		State	IN	ZIP	47906	Country	US	Applicant Authority
<input type="checkbox"/> Additional inventors are being named on supplemental sheet(s) attached hereto.									